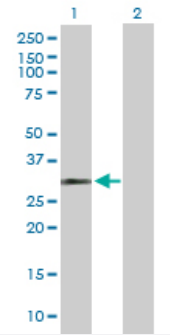
MaxPab®

HUS1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003364-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HUS1 expression in transfected 293T cell line (H00003364-T01) by HUS1 MaxPab polyclonal antibody.

Lane 1: HUS1 transfected lysate(31.70 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HUS1 protein.
Immunogen	HUS1 (NP_004498.1, 1 a.a. ~ 280 a.a) full-length human protein.
Sequence	MKFRAKIVDGACLNHFTRISNMIAKLAKTCTLRISPDKLNFILCDKLANGGVSMWCELEQENFFNEF QMEGVSAENNEIYLELTSENLSRALKTAQNARALKIKLTNKHFPCLTVSVELLSMSSSSRIVTHDIPI KVIPRKLWKDLQEPVVPDPDVSIYLPVLKTMKSVVEKMKNISNHLVIEANLDGELNLKIETELVCVT THFKDLGNPPLASESTHEDRNVEHMAEVHIDIRKLLQFLAGQQVNPTKALCNIVNNKMVHFDLLHE DVSLQYFIPALS
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — HUS1

Entrez GeneID	3364
GeneBank Accession#	NM_004507
Protein Accession#	NP_004498.1
Gene Name	HUS1
Gene Alias	-
Gene Description	HUS1 checkpoint homolog (S. pombe)
Omim ID	603760
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a component of an evolutionarily conserved, genotoxin-activated checkpoint complex that is involved in the cell cycle arrest in response to DNA damage. This protein forms a heterotrimeric complex with checkpoint proteins RAD9 and RAD1. In response to DNA damage, the trimeric complex interacts with another protein complex consisting of checkpoint protein RAD17 and four small subunits of the replication factor C (RFC), which loads the combined complex onto the chromatin. The DNA damage induced chromatin binding has been shown to depend on the activation of the checkpoint kinase ATM, and is thought to be an early checkpoint signaling event. [provided by RefSeq
Other Designations	HUS1 checkpoint protein|hus1+-like protein

Disease

- Adenocarcinoma
- Amyotrophic lateral sclerosis

- Breast cancer
- Breast Neoplasms
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Kidney Failure
- Lung Neoplasms
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome